TENNESSEE DIVISION OF GEOLOGY MAPS AND PUBLICATIONS

BULLETINS

2.G. ZINC MINING IN TENNESSEE, 17 p., by S.W. Osgood (1910). (SUPPLY LIMITED) $1.00

15. ADMINISTRATIVE REPORT OF THE STATE GEOLOGICAL SURVEY, 1912, by A.H. Purdue (1912). (SUPPLY LIMITED) $1.00

16. THE RED IRON ORES OF EAST TENNESSEE, 173 p., 17 pls. (including 5 maps), 30 figs., E.F. Burchard (1913). Comprehensive report on distribution, stratigraphy, and structure of mines and prospects, diagrams, sections, analyses, note on mining and iron industry, etc $2.50

18. ADMINISTRATIVE REPORT OF THE STATE GEOLOGIST, 1914, 17 p., by A.H. Purdue (1914). (SUPPLY LIMITED) $1.00

26. MINERAL RESOURCES OF THE WAYNESBORO QUADRANGLE, TENNESSEE, 171 p., 16 pls, (including geologic map), 7 figs., by H.H. Miser (1921), Largely on brown iron ores; analyses; areal geology $2.00

30. A STUDY OF SOME OF THE SMALLER UNDEVELOPED WATER POWERS OF TENNESSEE, 24 p., 36 pls., J.A. Switzer (1923). Preliminary survey of small power sites $1.00

33. E. COAL LOSSES OF TENNESSEE, 36 + v p.,2 figs., J.J. Forbes (1925). Methods and causes of losses at 47 mines. (SUPPLY LIMITED) $1.00

36. THE VALLEY OF EAST TENNESSEE: The Adjustment of Industry to Natural Environment, 116 + xii p., 37 pls., 28 figs., E.C. Case (1925). Study of effect of mineral resources, soil, climate, etc., on industrial development of this region $1.00

40. SURFACE WATERS OF TENNESSEE, 165 + xii p., 29 tables, 21 pls., 35 figs., W.R. King (1931). Summary of water resources investigations, 1920-1930; stream flow records of principle rivers by weekly averages; flood records; power sites, etc. (SUPPLY LIMITED) $1.00

41. A PRELIMINARY REPORT ON THE FORAMINIFERA OF TENNESSEE, 113 p. plus index, 13 pls., J.A.Cushman (1931). Reprinted 2001. Descriptions and plates of Cretaceous species $5.00

43. GROUND WATER OF NORTH-CENTRAL TENNESSEE, 238 +viii p., by A.M. Piper (1932). Reprinted (1993). Physiography, stratigraphy, and geologic structure of northern two-thirds of Nashville Basin and northwestern Highland Rim areas and their relations to ground water conditions; summary descriptions of conditions in each county, with tables of data of typical wells and springs. Same as U. S. Geological Survey Water-Supply Paper 640 ..... $8.35

48. THE PHOSPHATE RESOURCES OF TENNESSEE, 444 + xii p., 14 pls., 7 figs., 13 tables, R.W. Smith and G.I. Whitlatch (1940). First detailed description of brown and blue phosphates, with extensive reprinting of earlier data on white phosphate. Physiography, areal geologic map, and fossil plates; stratigraphy, description of mining industry, and phosphate deposits by districts; reserve estimates, future of industry $3.00

50. MANGANESE RESOURCES OF EAST TENNESSEE, 208 + xv p. and index, 14 pls., 47 figs., 3 tables, Stanley O. Reichert, edited by Geo. I. Whitlatch (1942). Includes partial reprinting of U.S. Geological Survey Bulletin No. 737. Geology and modes of occurrence of the manganese deposits; prospecting, mining, and milling; description of mines and prospects. (See Bulletin No. 52) $3.00

51. BARITE, FLUORITE, GALENA, SPHALERITE VEINS OF MIDDLE TENNESSEE, 114 + vii p., 12 pls.,1 fig., 3 tables, W.B. Jewell (1947). Reprinted (1993). General geology of the area; history of development, descriptions of mines and prospects; theories of origin and parageneses of the ores ... $4.25

52. GEOLOGY AND MANGANESE DEPOSITS OF NORTHEASTERN TENNESSEE, 275 + xv p. and index, 8 pls., 35 figs., 30 tables, Philip B. King, Herman W. Ferguson, Lawrence C. Craig, and John Rodgers (1944). In cooperation with the U.S. Geological Survey. Detailed description of the geology, geomorphology, and regional geology of the area; excellent discussion of the stratigraphy of the manganese district; modes of occurrence; mining and milling; methods of prospecting; production and reserves; descriptions of the mines and prospects by districts $4.00

53. THE GEOLOGY OF NASHVILLE, TENNESSEE, 184 + xii p., 27 pls., 10 figs., by C.W. Wilson Jr. (1948). Second Edition (1991). Detailed discussion of the geologic history and strata in Nashville and immediate vicinity; plates of the characteristic fossils in the area; logs describing geologic strata along Interstate, federal, and state highways in Davidson and parts of adjoining counties.....$7.50

55. STRATIGRAPHIC SECTION AT LEE VALLEY, HAWKINS COUNTY, TENNESSEE, 47 + vi p., 1 pl. (graphic log with description of section at Lee Valley and Thorn Hill), 1 fig., by John Rodgers and Deane F. Kent, U.S. Geological Survey (1948). Measurement and description of the well-exposed section of Cambrian and Ordovician rocks at Lee Valley. Section is compared with section at Thorn Hill$1.00

56. PRE-CHATTANOOGA STRATIGRAPHY IN CENTRAL TENNESSEE, 415 + xx p., 28 pls., 89 figs., by C.W. Wilson, Jr. (1949). Second Edition, 1990. The Ordovician, Silurian, and Devonian sedimentary rocks of Central Tennessee and the western valley of the Tennessee River are described in detail, and work of earlier geologists in the area is carefully reviewed. Common fossils are shown in 26 plates, and numerous measured sections are reproduced in graphic columnar logs.....$15.00

57. GEOLOGY AND BARITE DEPOSITS OF THE DEL RIO DISTRICT, COCKE COUNTY, TENNESSEE, 235 + xiv p., 1 geologic map, 42 photomicrographs and photographs, 6 figs., 10 tables, 11 core drill logs, by F.W. Ferguson and W.B. Jewell (1951). The geology of the barite-bearing clastic rocks in the vicinity of Del Rio is shown on the geologic map, scale 1:24,000 (1 inch=2,000 feet), and described in the text. The 17 mines and prospects are described in detail and large-scale maps of more important mines are included $3.50

59. ANNOTATED BIBLIOGRAPHY OF THE GEOLOGY OF TENNESSEE THROUGH DECEMBER 1950, 308 + v p. with index map, compiled by C.W. Wilson, Jr. (1953). Lists all publications and articles published concerning the geology of Tennessee regardless of source. Contains subject index, regional index, and author index $4.00

61. GEOLOGY, MINERAL RESOURCES, AND GROUND WATER OF THE CLEVELAND AREA, TENNESSEE, 125 + v p., 8 figs., 5 pls., 6 tables, by George D. Swingle (1959). Reprinted (1993). Prepared in cooperation with the U.S. Geological Survey. Stratigraphy, structural geology, mineral resources, and ground-water resources of a 240-square mile area in the Valley and Ridge province. Plates (in pocket) include 4 geologic maps (scale 1:31,680), a well and spring location map, and hydrographs of observation wells $5.00

62. WELL LOGS IN TENNESSEE, 606 p., 1 pl., compiled by H.C. Milhous (1959). A collection of driller's logs, sample descriptions, and miscellaneous data covering approximately 560 holes drilled in 68 Tennessee counties. Carter coordination index map in pocket $5.00

63. THE COAL RESERVES OF TENNESSEE, 294 p., 4 figs., 68 tables, by Edward T. Luther (1959). Stratigraphy, structural geology, descriptions of reserve areas, tabular reserve data (by seams), and analyses of coals in the 22 Tennessee counties on the Cumberland Plateau.....$5.00

64. CAVES OF TENNESSEE, 567 + vi p., 150 figs., 1 pl., by Thomas C. Barr, Jr. (1961). Reprinted 1995. Part 1 is an introductory section mostly on origin of caves and on the classification of animal life in Tennessee caves. Part II gives location and description of approximately 700 Tennessee caves $17.50

65. LIMESTONE AND DOLOMITE RESOURCES OF TENNESSEE, 231 + iv p., 5 figs., 1 pl., by Robert E. Hershey and Stuart W. Maher (1963). Second Edition (1985). Classification and uses; description and potential of formations; descriptions of individual quarries. Quarry location map in pocket.....$6.35

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69. DESCRIPTIONS OF TENNESSEE CAVES, 150 p., 93 figs., by Larry E. Matthews (1971). Reprinted (1994). A supplement to Bulletin 64. Describes 316 caves in 47 counties $10.00

70. GEOLOGY OF KNOX COUNTY, TENNESSEE, 184 + xii p., 75 figs., 17 tables, 2 pls., 20 contributors (1973). Includes papers on the geomorphology, stratigraphy, structure, gravity surveys, mineral resources, engineering geology, soils, water resources, and caves of Knox County. With guide to Southeastern GSA field trips for 1973. Three road logs with complete stop descriptions and cross sections. Plates (in pocket) include a generalized geologic map of Knox County (scale 1:48,000), a Bouguer gravity map, and a residual gravity map $8.50

72. GOLD DEPOSITS OF THE COKER CREEK DISTRICT, MONROE COUNTY, TENNESSEE, 93 p., 16 figs., 6 tables, 3 pls, by Robin C. Hale (1974). Reprinted (1990). Discusses the origin of the gold; describes occurrence and distribution of deposits; chemical analyses; and geology of the district. Plates include geologic map, mine and prospect localities, and sample localities $8.00

73. PLACE NAMES OF TENNESSEE, 425 p., by Ralph O. Fullerton (1974). An alphabetical listing of place names in Tennessee by county and quadrangle.....$13.00

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75. STRATIGRAPHY OF THE OUTCROPPING UPPER CRETACEOUS, PALEOCENE, AND LOWER EOCENE IN WESTERN TENNESSEE (INCLUDING DESCRIPTIONS OF YOUNGER FLUVIAL DEPOSITS), 125 p., 75 figs., 2 tables, 3 pls., 19 meas. sect., by Ernest E. Russell and William S. Parks (1975). Includes colored geologic map in pocket (scale 1:250,000) prepared in cooperation with the U.S. Geological Survey. A description of the lithologic characteristics and stratigraphic relationships of the geologic units.....$12.50

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79. GEOLOGY OF HAMILTON COUNTY, TENNESSEE, 120 p., 56 figs., 15 tables, 2 plates, 8 contributors (1978). Includes papers on the stratigraphy, structure, mineral resources, coal mining and ground water. (An 86-page companion volume, Report of Investigations 37, supplements Bull. 79, and contains road logs, descriptions, and diagrams. This sells separately for $5.00).....$13.00

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81. STATE GEOLOGICAL SURVEYS AND STATE GEOLOGISTS OF TENNESSEE, 70 p., by Charles W. Wilson, Jr. (1981). A review of the organizational progression of the Division through its first 150 years (1831-1981). Includes portraits of all State Geologists and data on many significant developments. A list of the publications prepared by the Division through 1981 accompanies the bulletin $6.00

82. RADIOMETRIC AGES OF TENNESSEE ROCKS, 41 + iii p., 11 figs., 3 tables, by James X. Corgan and Michael W. Bradley (1983). This report compiles and summarizes all known radiometric age determinations based on bedrock samples from Tennessee. Basic information is presented on the ages of Tennessee meteorites, sediments, and organic remains from Ice Age fossil sites and archeological sites $5.00

83. TENNESSEE MINERALS ANNUAL, 67 + vii p., 34 figs., coordinated by Gregory A. Upham (1992). Presents a brief overview of approximately 40 economically important minerals in three catagories: actively mined, formerly mined, and potentially minable $7.50

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